



I



BOROUGH OF WALLSEND

ANNUAL REPORT

OF THE

MEDICAL OFFICER
OF HEALTH

FOR THE YEAR

1966



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BOROUGH OF WALLSEND

SANITARY COMMITTEE

Chairman : ALDERMAN J. A. MCFADYEN.

Vice-Chairman : ALDERMAN J. RICHARDSON, J.P.

THE MAYOR.

ALDERMEN—

T. BLACK.	J. RICHARDSON, J.P.
J. A. MCFADYEN.	E. TURPIN, J.P.
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W. C. GLADSTONE	N. M. SPARK
J. C. GROGAN	G. WHARRIER
I. F. HALL	J. B. WOOD
J. W. HALL	J. J. WYNN
E. HALLIBURTON	

STAFF OF PUBLIC HEALTH DEPARTMENT

Medical Officer of Health :

G. McN. CUBIE, M.B., Ch.B., D.P.H.

Assistant Medical Officer of Health :

V. HAWLEY, M.B., B.S.,
(Resigned October 1966)

Chief Public Health Inspector:

STANLEY S. MCINTYRE.

Senior Assistant Public Health Inspector:

J. A. MURPHY.

Assistant Public Health Inspectors:

C. F. DENNIS.

J. TAIT

G. MADDISON

R. E. HAMMOND (Pupil Public Health Inspector).
(Qualified December 1966)

G. S. DAVISON

(Pupil Public Health Inspector)

Clerical Staff :

Chief Clerk : W. MORRISON.

Typist : F. C. STEEL.

HEALTH DEPARTMENT,
TOWN HALL,
WALLSEND.
July, 1967.

To the Mayor, Aldermen and Councillors of the Borough of Wallsend.

Your Worship, Ladies and Gentlemen,

I have the honour to submit the Annual Report on the health of the Borough of Wallsend for the year 1966. This report has been prepared in accordance with the Ministry of Health's Circular No. 1/67.

According to the Registrar-General's estimate the population of Wallsend fell once again—the figure for 1966 was 48,370. Wallsend reached its peak population in 1960 when 50,030 was recorded: since then there has been a steady fall, due to people leaving the area rather than any significant changes in the birth and death rates. The Birth Rate and Death Rate were very little changed from the previous year: the rates, adjusted by comparability factors, were 17.64 for births per thousand estimated population (18.89 in 1965) and 14.5 for deaths per thousand estimated population (14.04 in 1965).

In the 1965 report I tried to explain that the low Infant Mortality Rate for that year should be considered in relation to the small population involved. The same consideration, therefore, must apply to the Infant Mortality Rate for 1966, 31.3 per thousand live births, which compares unfavourably with a figure of 19.0 for England and Wales. Altogether 27 infants died before reaching the age of one year. Of the 27, as many as 16 died in hospital, the causes of death being either prematurity or congenital abnormalities for which no treatment could be of avail. This leaves 11 deaths which occurred at home: of these, two occurred within the first two weeks of life and came within the category of prematurity and developmental abnormality. Of the 9 deaths remaining, 2 may be classed as unavoidable accidents, and the remaining 7 were due to very acute infections of the upper and lower respiratory tracts.

Since preventive medicine is based on drawing lessons from past experience, the need to guard infants from unnecessary exposure to infection should be emphasised. During the first year of life, the baby is best kept strictly within the family circle and outside contacts avoided as far as possible. At a time when there is a general shortage of health visitors, it is well to remember the importance of the work which they carry out in an area such as Wallsend: of all the advice which health visitors give, none is more essential than the guidance given to mothers concerning the avoidance and treatment of infections in the first year of life. Now that many health visitors are working closely with general practitioners in attachment to practices, there is greater opportunity for ensuring that all parents understand the possible dangers of acute respiratory tract infections in the very young.

Apart from an outbreak of Measles which resulted in 339 notifications, there was fortunately no other significant outbreak of infectious disease to report. Trials of Measles vaccines have continued in various parts of England, and in view of their general

acceptance in North America, it is reasonable to assume that within the next few years they may be introduced into this country also for general use.

Progress towards clean air has been slower than many of us hoped when the Clean Air Act became law in 1956. In 1966, the Wallsend No. 3 and No. 4 Smoke Control Areas came into operation, covering an area of approximately 707 acres comprising 364 houses in addition to other premises. The No. 4 Smoke Control Area consists at the moment mainly of open land but it is in this area that new house building has recently started and there are plans for over two thousand new housing units in the next few years. Since the first Smoke Control Area came into effect in 1961, the total acreage involved has grown to 979 and the total number of houses has increased to 3202: in relation to the whole of Wallsend, this represents 36% of the area of the Borough and almost exactly 20% of the houses. If progress continues at the same rate it will be 1986 before the whole of Wallsend is a Smoke Control Area. There is really no technical obstacle to increasing the speed of this operation and making the completion date much earlier: the difficulty is the cost—when the first Council houses were converted for burning smokeless fuels in 1961, the average cost per house was about £10: in 1966, owing to shortages of soft coke, much more elaborate conversions to closed stoves had to be undertaken and the average cost per Council house had risen to £50.

When the Minister of Housing and Local Government gave final approval to the Tyneside Joint Sewerage Order 1966, a very successful conclusion had been reached following years of investigations and negotiations involving eighteen different Tyneside Councils. Now the real work can begin of cleaning the Tyne and the beaches to the north and south of the river mouth of all the contamination which people have endured for so many years. Although the work must necessarily be spread over about ten years, the people of Tyneside have good reason to feel relieved that at last steps have been taken to clear one of the major anachronisms in the area.

In conclusion I would like to thank Dr. J. B. Tilley, the County Medical Officer for Northumberland, for giving me permission to include details of services administered by the County Council in Wallsend; Mr. S. S. McIntyre, Chief Public Health Inspector, and all the staff of the Health Department for their help; Mr. W. Morrison, Chief Clerk of the Health Department for his work in preparing the figures for this report, and the Chairman and members of the Sanitary Committee for their encouragement during the year.

I am,

Your obedient servant,

G. McN. CUBIE,

Medical Officer of Health.

SUMMARY OF STATISTICS—1966.

(1)	Population at 1961 Census	...	...	49,822
(2)	Population 1966, Registrar General's Est.			48,370
(3)	Area of Borough	...	...	3,543.993 acres
(4)	Live Births	...	...	862
(5)	Birth Rate (per 1,000 of the Estimated Resident Population)	...	...	17.82
	(Birth Rate adjusted by the comparability factor of 0.99)	...	...	17.64
(6)	Still-Births	...	...	17
(7)	Still-Birth Rate (per 1,000 Live and Still-Births)	...	...	19.34
(8)	Total Live and Still-Births	...	...	879
(9)	Infant Deaths	...	...	27
(10)	Infant Mortality Rate per 1,000 Live-Births—Total	...	...	31.3
	Legitimate Infant Mortality Rate per 1,000 Legitimate Live-Births	...	...	30.94
	Illegitimate Infant Mortality Rate per 1,000 Illegitimate Live-Births	...	...	37.0
	Neo-Natal Mortality Rate per 1,000 Total Live-Births	...	...	12.76
	Early Neo-Natal Mortality Rate (deaths under 1 week per 1,000 Total Live-Births)			10.44
	Perinatal Mortality Rate (still-births and deaths under 1 week combined per 1,000 Total Live and Still-Births)	...	...	29.58
(11)	Illegitimate live-births per cent of total Live-Births	...	...	6.26
(12)	Maternal deaths (including abortion)	...		—
(13)	Maternal Mortality Rate per 1,000 Live and Still-births	...	...	—
(14)	Total Deaths	...	...	533
(15)	Death Rate—All ages (per 1,000 of the Estimated Resident Population)	...		11.0
	(Death Rate adjusted by the comparability factor of 1.32)	...	...	14.5
(16)	Tuberculosis Death Rates (per 1,000 Population)			
	(a) All forms	...	...	0.04
	(b) Pulmonary	...	...	0.04
	(c) Non-Pulmonary	...	...	—
(17)	Number of Inhabited Houses at end of 31st March, 1967, (Estimated)	...	...	15,625
(18)	Rateable Value (at 31.3.67)	...	...	£1,683,733
(19)	Product of a penny rate	...	...	£6,706 0s. 4d.

Vital Statistics of Whole District during 1966 and Previous Years.

Year	Population estimated to Middle of each Year.	Births.			Total deaths Registered in the District.		Transferable Deaths.		Net Deaths belonging to the District.			
		Uncorrected Number.	Net.		Number.	Rate.	Of Non-residents registered in the District.	Of Residents not registered in the District.	Under 1 yr.		At all ages.	
			Number.	Rate.					Number.	Rate per 1,000 Net Births.	Number.	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1911	41,343	1288	1298	31.3	502	12.1	6	85	180	138.6	581	14.0
1920	45,430	1457	1457	31.8	543	11.9	11	111	163	111.9	643	14.1
1921	43,880	1347	1393	31.7	529	12.5	4	95	154	110.5	620	14.1
1922	44,070	1101	1156	26.2	463	10.5	8	89	107	92.6	544	12.3
1923	45,030	1115	1211	26.8	423	9.3	7	94	96	79.2	510	11.3
1924	45,480	1030	1089	23.9	455	10.0	5	119	100	91.8	569	12.5
1925	45,620	1007	1068	23.4	482	10.5	5	148	116	108.6	625	13.7
1926	45,080	1008	1029	22.8	391	8.6	4	141	65	63.1	528	11.7
1927	45,730	933	945	20.6	478	10.4	9	140	81	85.7	609	13.2
1928	44,440	928	951	21.4	398	8.9	5	157	79	83.07	550	12.4
1929	44,800	894	900	20.09	432	9.6	9	176	85	94.4	599	13.4
1930	44,800	886	882	19.68	347	7.7	8	152	64	72.5	491	10.9
1931	44,870	933	885	19.71	458	10.2	7	139	76	85.9	590	13.1
1932	44,340	832	759	17.0	375	8.5	10	125	61	80.3	500	11.3
1933	43,950	815	717	16.3	370	8.6	6	147	56	78.1	511	11.6
1934	43,660	868	768	17.5	380	8.7	12	146	60	78.1	514	11.7
1935	43,660	899	711	16.2	347	7.9	9	172	48	66.1	510	11.6
1936	43,640	925	711	16.29	362	8.2	5	157	56	78.7	514	11.7
1937	43,850	994	726	16.5	383	8.7	8	167	53	71.6	542	12.3
1938	43,970	973	736	16.7	408	9.3	17	154	63	85.5	545	12.4
1939												
(a)	45,220	932	781	17.27	374	8.3	22	160	44	56.9	512	11.49
(b)	44,430											
1940	43,540	899	863	19.8	444	10.2	18	153	45	52.1	579	13.3
1941	43,890	805	847	19.2	473	10.7	27	193	77	90.9	639	14.5
1942	43,420	814	855	19.7	404	9.3	26	116	66	77.1	494	11.3
1943	43,040	878	893	20.7	412	9.5	19	172	69	77.2	565	13.1
1944	43,960	1034	1065	24.2	501	11.1	21	156	63	59.1	526	11.9
1945	44,240	1061	875	19.77	400	9.04	22	144	54	61.7	522	11.8
1946	46,410	1209	1058	22.79	398	8.57	12	170	66	62.3	556	11.9
1947	46,980	1252	1157	24.62	419	8.91	14	146	61	52.7	551	11.7
1948	48,270	1246	1061	21.98	424	8.7	33	146	58	54.6	537	11.1
1949	48,830	1160	1013	20.74	448	9.1	31	147	45	44.4	564	11.55
1950	48,860	908	922	18.87	457	9.3	19	143	34	36.8	581	11.89
1951	48,570	1197	898	18.48	419	8.6	13	140	36	40.0	546	11.24
1952	48,790	1254	930	19.06	416	8.5	34	121	26	28.0	503	10.31
1953	49,130	1008	1003	20.4	408	8.3	19	120	48	47.8	509	10.4
1954	49,280	976	973	19.7	449	9.1	23	127	31	31.9	552	11.2
1955	49,440	941	949	19.2	413	8.3	23	126	26	27.4	516	10.44
1956	49,560	1050	1028	20.7	372	7.5	26	138	27	26.2	484	9.77
1957	49,830	989	1010	20.27	391	7.8	31	163	27	26.73	524	10.51
1958	49,980	922	941	18.8	445	8.09	42	158	22	23.38	561	11.2
1959	49,950	920	952	19.06	395	7.9	46	153	26	27.3	502	10.0
1960	50,030	889	904	18.07	411	8.2	56	166	20	22.12	521	10.4
1961	49,750	931	964	19.38	391	7.86	33	187	24	24.9	545	10.95
1962	49,690	910	924	18.6	389	7.83	32	201	25	27.0	558	11.23
1963	49,600	868	891	17.96	416	3.4	40	204	24	26.9	580	11.7
1964	49,320	892	910	18.45	408	8.27	46	182	21	23.0	544	11.0
1965	48,720	892	930	19.09	423	8.68	63	167	20	21.5	527	10.8
1966	48,370	849	862	17.82	400	8.28	45	178	20	31.3	533	11.0

BIRTH RATES, DEATH-RATES, AND
CASE-RATES FOR CERTAIN INFECTIOUS DISEASES
IN THE YEAR 1966

	England and Wales	Wallsend
Live Births :		
Number	850,000	862
Rate per 1000 population	17.7	17.82
Illegitimate Live Births per cent of total live births	7.9	6.26
Stillbirths :		
Number	13,300*	17
Rate per 1000 total live and still births ...	15.4	19.34
Total Live and Still Births	863,300*	879
Infant Deaths (deaths under 1 year)	16,147	27
Infant Mortality Rates :		
Total Infant deaths per 1000 total live births	19.0	31.3
Legitimate infant deaths per 1000 legitimate live births	—	30.94
Illegitimate infant deaths per 1000 illegitimate live births	—	37.0
Neo-natal Mortality Rate (deaths under 4 weeks per 1000 total live births)	12.9	12.76
Early Neo-natal Mortality Rate (deaths under 1 week per 1000 total live births)	11.1	10.44
Perinatal Mortality Rate (stillbirths and deaths under 1 week combined per 1000 total live and still births)	26.3	29.58
Maternal Mortality (including abortion) :		
Number of deaths	223	Nil
Rate per 1000 total live and still births ...	0.26	Nil
Deaths (all ages) :		
Number	563,626	533
Death Rate per 1000 Home Population ...	11.7	11.0

CERTAIN INFECTIOUS DISEASES

	Wallsend	Wallsend
		* per 1,000 Population
Scarlet Fever	3	0.06
Diphtheria	—	—
Typhoid & Paratyphoid Fever	—	—
Pneumonia	1	0.02
Dysentery	—	—
Meningococcal Infections	—	—
Poliomyelitis:		
Paralytic	—	—
Non-Paralytic	—	—
Acute Encephalitis	—	—
Whooping Cough	12	0.25
Measles	339	7.0
Tuberculosis:		
Respiratory	20	0.41
Other forms	2	0.04
Food Poisoning	—	—

* Provisional

The following table shows the classification of deaths from all causes (Registrar-General's figures) :—

CAUSES OF DEATH.								MALES	FEMALES
ALL CAUSES	...	...	...	...	...	...	...	269	264
1	Tuberculosis, respiratory	...	...	...	...	...	...	1	1
2	Tuberculosis, other	...	...	...	...	...	...	0	0
3	Syphilitic disease	...	...	...	...	...	...	1	0
4	Diphtheria	...	...	...	...	...	...	0	0
5	Whooping Cough	...	...	...	...	...	...	0	0
6	Meningococcal infections	...	...	...	...	...	...	0	0
7	Acute Poliomyelitis	...	...	...	...	...	...	0	0
8	Measles	...	...	...	...	...	...	0	0
9	Other infective and parasitic diseases	...	...	...	...	...	...	0	0
10	Malignant neoplasm, stomach...	...	...	...	...	...	...	7	3
11	Malignant neoplasm, lung, bronchus	...	...	...	...	...	...	24	10
12	Malignant neoplasm, breast	...	...	...	...	...	...	0	7
13	Malignant neoplasm, uterus	...	...	...	...	...	...	0	4
14	Other malignant and lymphatic neoplasms	...	...	...	...	...	...	30	20
15	Leukaemia, aleukaemia	...	...	...	...	...	...	1	0
16	Diabetes	...	...	...	...	...	...	2	3
17	Vascular lesions of nervous system	...	...	...	...	...	...	26	51
18	Coronary disease, angina	...	...	...	...	...	...	55	43
19	Hypertension with heart disease	...	...	...	...	...	...	4	4
20	Other heart diseases	...	...	...	...	...	...	22	29
21	Other circulatory diseases	...	...	...	...	...	...	6	15
22	Influenza	...	...	...	...	...	...	0	0
23	Pneumonia	...	...	...	...	...	...	12	7
24	Bronchitis	...	...	...	...	...	...	27	11
25	Other diseases of respiratory system	...	...	...	...	...	...	2	2
26	Ulcer of stomach and duodenum	...	...	...	...	...	...	2	2
27	Gastritis, enteritis and diarrhoea	...	...	...	...	...	...	1	5
28	Nephritis and nephrosis	...	...	...	...	...	...	1	3
29	Hyperplasia of prostate	...	...	...	...	...	...	1	0
30	Pregnancy, childbirth, abortion	...	...	...	...	...	...	0	0
31	Congenital malformations	...	...	...	...	...	...	6	3
32	Other defined and ill-defined diseases	...	...	...	...	...	...	27	29
33	Motor vehicle accidents	...	...	...	...	...	...	2	3
34	All other accidents	...	...	...	...	...	...	5	8
35	Suicide	...	...	...	...	...	...	4	0
36	Homicide and operations of war	...	...	...	...	...	...	0	1

Although there is substantial agreement between the Registrar-General's classification and the local tabulation, discrepancy sometimes arises owing to modification in the light of further information obtained by the Registrar General's enquiries in indefinite cases.

CHIEF CAUSES OF MORTALITY DURING THE YEAR.

	<i>No. of Deaths.</i>	<i>Percentage of total Deaths.</i>
Heart Disease	157	29.45
Cancer	105	19.7
Vascular Lesions of Nervous System ...	77	14.44
Other defined and ill-defined diseases ...	56	10.5
Bronchitis	38	7.1
Other Circulatory diseases	21	3.94
Pneumonia... ..	19	3.56
All other accidents	13	2.44
Congenital Malformations	9	1.69

The following table shows the number of infant deaths and infant mortality rates for each of the municipal wards :—

INFANT DEATHS AND INFANT MORTALITY RATES
IN EACH WARD FOR 1966.

WARDS.	Births. Assigned to Wards.	Deaths. under 1 year.	Death rate per 1,000 Births.
Northumberland	73	6	82.2
Wallsend	61	—	—
Carville	101	1	9.9
Buddle	72	3	41.6
Holy Cross	118	3	25.4
Hadrian	117	7	59.8
Willington	68	1	14.7
Willington Quay	85	3	35.3
Howdon	138	3	21.7
Totals	833	27	32.4

Causes of, and Ages at, Death during the year 1966.

CAUSES OF DEATH.		All Ages	Under 4 weeks	4 weeks & under 1 yr.										Northumberland					Wallsend	Carville	Buddle	Holy Cross	Hadrian	Willington	Willington Quay	Howdon
				1 to 4	5 to 14	15 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 & upwards														
(1) Tuberculosis, respiratory	...	2	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(2) Tuberculosis, other	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(3) Syphilitic Diseases	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(4) Diphtheria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(5) Whooping Cough	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(6) Meningococcal Infection	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(7) Acute Poliomyelitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(8) Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(9) Other Infective and Parasitic Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(10) Malignant Neoplasm, stomach	...	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(11) " lung, bronchus	...	34	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(12) " breast	...	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(13) " uterus	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(14) Other Malignant and Lymphatic Neoplasms	...	50	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(15) Leukaemia, Aleukaemia	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(16) Diabetes	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(17) Vascular Lesions of Nervous System	...	77	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(18) Coronary Disease, Angina	...	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(19) Hypertension with Heart Disease	...	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(20) Other Heart Disease	...	51	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(21) Other Circulatory Diseases	...	21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(22) Influenza	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(23) Pneumonia	...	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(24) Bronchitis	...	38	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(25) Other Diseases of Respiratory System	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(26) Ulcer of Stomach and Duodenum	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(27) Gastritis, Enteritis and Diarrhoea	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(28) Nephritis and Nephrosis	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(29) Hyperplasia of Prostate	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(30) Pregnancy, Childbirth, Abortion	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(31) Congenital Malformations	...	9	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(32) Other Defined and Ill-defined Diseases	...	56	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(33) Motor Vehicle Accidents	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(34) All Other Accidents	...	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(35) Suicide	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(36) Homicide and Operations of War	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTALS	...	533	11	16	3	...	5	5	17	46	94	143	193	61	59	49	61	61	58	54	52	78				

Infantile Mortality during the Year 1966.

CAUSES OF DEATH.	Under 1 week	1 to 2 weeks	2 to 3 weeks	3 to 4 weeks	Total under 1 mth	1 to 3 mths.	3 to 6 mths.	6 to 9 mths.	9 to 12 mths.	Total Deaths under 1 year	North- berland	Wallsend	Carville	Buddle	Holy Cross	Hadrian	Willington	Willington Quay	Howdon
Influenza
Chickenpox
Measles
Scarlet Fever
Whooping Cough
Diphtheria and Croup
Erysipelas
Tuberculous Meningitis
Abdominal Tuberculosis
Other Tuberculous Diseases
Meningitis (not Tuberculous)
Cerebrospinal Fever
Other Heart Diseases
Encephalitis
Convulsions
Cerebral Haemorrhage
Bronchitis
Pneumonia (all forms)
Other Respiratory Diseases
Gastritis, Enteritis & Diarrhoea
Other Infective and Parasitic Diseases
Other Digestive Diseases
Syphilis
Nephritis
Rickets
Suffocation, Overlying
Atelectasis
Congenital Malformations ...	3	...	...	...	3	1	...	...	2	6	...	...	...	1	1	2	...	1	1
Birth Injury ...	7	...	...	...	7	...	...	...	...	7	1	...	...	2	...	2	...	1	...
Premature Birth
Atrophy, Debility and Marasmus
Violent and Accidental Deaths	2	...	...	...	2	1	...	...	...	...	1	...	...	...
Other Defined and Ill-defined Diseases	2	2	2	...	6	2	...	1	...	...	1	...	1	1
TOTALS ...	10	...	1	...	11	7	2	4	3	27	6	...	1	3	3	7	1	3	3

Cases of Infectious Disease notified for 52 weeks ending December, 1966.

Number of Cases Notified.															Total Cases Notified in Each Ward.						
DISEASE.	At All Ages.	At Ages—Years.										Northumberland	WallSEND	Carville	Buddle	Holy Cross	Hadrian	Willington	Willington Quay	Howdon	
		Un-der 1	1 to 2	3 to 4	5 to 6	7 to 8	9 to 10	11 to 14	15 to 19	20 to 34	35 to 44										45 to 64	65 and over.
Smallpox ...	...	...	...	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Scarlet Fever ...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Pyrexia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pneumonia ...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
Malaria ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dysentery ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ophthalmia Neonatorum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Encephalitis Lethargica ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Meningococcal Infection ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Poliomyelitis — (Paralytic) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(Non-paralytic) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute Encephalitis ...	12	2	1	2	3	1	1	1	1	...	...	...	...	...	...	...	2	2	8	...
Whooping Cough ...	339	13	88	87	135	9	6	...	...	...	1	...	...	...	...	...	30	36	78	...
Measles ...	20	1	...	...	1	1	2	1	1	3	5	3	2	41	25	25	5	2	2	...
Respiratory Tuberculosis ...	2	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	1	...
Tuberculosis, other forms ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Food Poisoning ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals ...	377	16	89	90	141	11	9	3	2	3	7	4	2	35	25	29	47	36	40	91	

TUBERCULOSIS.

Statement of particulars appearing in the Register of Notification of cases of tuberculosis for the year 1966 :—

	PULMONARY.			NON-PULMONARY.			Pulmonary and Non-Pulmonary Total.
	Males	Females	Total	Males	Females	Total	
(1) Number of cases of Tuberculosis on the Register at the commencement of the year	232	152	384	19	31	50	434
(2) Number of cases notified under the Regulations for the first time during the year	9	11	20	...	2	2	22
(3) Number of cases added to the Register otherwise than by notification (including transferred cases)	7	2	9	2	...	2	11
(4) Number of cases removed from the Register during the year ...	23	12	35	1	1	2	37
(5) Number of cases remaining on the Register at the end of the year	225	153	378	20	32	52	430

NEW CASES AND MORTALITY DURING 1966.

AGE-PERIODS	NEW CASES.				DEATHS. OLD AND NEW CASES.			
	PULMONARY		NON-PULMONARY		PULMONARY		NON-PULMONARY	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
Under 1 year	...	1	...	...	...	...	...	...
1 Year	...	...	...	...	...	...	...	...
2 to 4 years	...	...	...	...	...	...	...	...
5 to 9 „	2	...	...	...	...	...	...	...
10 to 14 „	...	3	...	1	...	...	...	...
15 to 19 „	1	...	...	...	...	...	...	...
20 to 24 „	...	...	...	...	...	...	...	...
25 to 34 „	...	3	...	...	...	...	...	...
35 to 44 „	2	3	...	1	...	...	...	...
45 to 54 „	1	1	...	...	...	...	...	...
55 to 64 „	1	...	...	...	1	1	...	...
65 to 74 „	2	...	...	...	...	...	...	...
75 & upwards	...	...	...	...	...	...	...	...
TOTALS ...	9	11	...	2	1	1	...	...

		Pulmonary Tuberculosis					Non-Pulmonary Tuberculosis.				
		1962	1963	1964	1965	1966	1962	1963	1964	1965	1966
No. of Cases Notified	...	45	44	14	27	20	5	3	...	5	2
Attack Rate per 1,000 Population	...	0.9	0.9	0.28	0.55	0.41	0.1	0.06	...	0.1	0.04
No. of Deaths	...	6	5	6	1	2	2	...	...	...	...
Death Rate per 1,000 Population	...	0.12	0.1	0.12	0.02	0.04	0.04	...	...	...	...

SMALLPOX.

The following table shows the number of primary vaccinations carried out during 1923—1966.

	No. of BIRTHS	No. OF VACCINATIONS.	PERCENTAGE OF VACCINATIONS TO BIRTHS.
1923	1211	701	57.9
1924	1089	672	61.7
1925	1068	659	61.7
1926	1029	759	73.7
1927	945	642	67.9
1928	951	566	59.5
1929	900	472	52.4
1930	882	314	35.6
1931	885	514	58.07
1932	759	464	61.0
1933	717	309	43.09
1934	768	339	44.2
1935	711	253	35.3
1936	711	341	47.6
1937	726	324	44.6
1938	736	234	31.8
1939	781	266	34.1
1940	863	332	38.1
1941	847	406	47.9
1942	855	460	53.8
1943	893	437	48.9
1944	1065	497	46.6
1945	875	598	68.3
1946	1058	590	55.7
1947	1157	721	62.3
1948	1061	312	29.4
1949	1013	211	20.8
1950	922	277	30.0
1951	898	275	30.6
1952	930	424	45.6
1953	1003	276	27.5
1954	973	345	35.5
1955	949	265	28.0
1956	1028	301	29.28
1957	1010	344	34.06
1958	941	319	33.9
1959	952	406	42.64
1960	904	444	49.11
1961	964	501	52.0
1962	924	404	43.72
1963	891	96	10.77
1964	910	369	40.5
1965	930	334	36.0
1966	862	361	38.8

LABORATORY WORK.

During the year the examination of all bacteriological specimens was undertaken by the Public Health Laboratory, General Hospital, Newcastle upon Tyne.

SOCIAL CONDITIONS

The following table taken from the 1961 Census shows the age distribution and marital conditions for the area.

Age last birthday five year group	MALES			FEMALES		
	Total	Single	Married	Total	Single	Married
TOTAL	24,413	11,354	12,284	25,409	10,319	12,458
Widowed	691			2,503		
Divorced	84			129		
0—4	2,279	2,279		2,136	2,136	
5—9	2,136	2,136		2,116	2,116	
10—14	2,257	2,257		2,246	2,246	
15—19	1,839	1,819	20	1,882	1,785	97
20—24	1,356	903	453	1,545	661	881
25—29	1,486	414	1,070	1,505	192	1,308
30—34	1,668	308	1,349	1,563	137	1,398
35—39	1,847	288	1,542	1,907	144	1,706
40—44	1,877	224	1,625	1,846	150	1,620
45—49	1,663	197	1,431	1,611	130	1,374
50—54	1,548	140	1,353	1,577	158	1,240
55—59	1,415	115	1,213	1,507	153	1,067
60—64	1,158	106	949	1,263	96	789
65—69	773	72	584	1,065	89	502
70—74	528	44	374	756	55	305
75—79	333	37	206	496	42	126
80—84	179	10	91	274	18	36
85—89	68	4	24	94	7	8
90—94	3	1	—	17	2	1
95 and over	—	—	—	3	2	—

(1) STATEMENT OF NUMBERS OF INSURED PERSONS REGISTERED AS UNEMPLOYED.

Local Office : Wallsend.

Date : December, 1966.

Monthly average

<i>Men</i>	<i>Women</i>	<i>Young Men</i>	<i>Young Women</i>	<i>Total</i>
412	94	20	11	537

The following table shows the number and percentage of persons employed in the various industries.

<i>Industry</i>		<i>Great Britain</i>	<i>%</i>	<i>Wallsend</i>	<i>%</i>
Agriculture, Forestry, Fishing	...	576,120	2.53	11	0.04
Mining and Quarrying	...	717,530	3.14	1,949	7.51
Food, Drink and Tobacco	...	826,350	3.62	190	0.73
Chemicals & Allied Industries	...	522,370	2.29	16	0.06
Metal Manufacture	...	604,320	2.66	467	1.80
Engineering & Electrical Goods	...	2,175,810	9.54	2,580	9.95
Shipbuilding & Marine Engineering		246,490	1.08	11,884	45.85
Vehicles	... ..	882,220	3.87	2	0.007
Metal Goods, not elsewhere specified		558,090	2.45	402	1.55
Textiles	... ..	808,960	3.55	559	2.16
Leather, Leather Goods & Fur	...	63,230	0.28	—	—
Clothing and Footwear	... ..	567,690	2.49	41	0.16
Bricks, Pottery, Glass, Cement etc.		352,460	1.55	935	3.61
Timber, Furniture etc.	... ..	289,120	1.27	419	1.62
Paper, Printing & Publishing	...	625,580	2.74	50	0.19
Other Manufacturing Industries	...	309,250	1.36	795	3.07
Construction	... ..	1,566,280	6.87	352	1.36
Gas, Electricity and Water	...	389,860	1.71	317	1.23
Transport & Communication	...	1,669,180	7.32	303	1.17
Distributive Trades	... ..	2,911,280	12.76	1,614	6.23
Insurance, Banking & Finance	...	580,670	2.56	121	0.47
Professional & Scientific Services	...	2,155,700	9.45	1,127	4.36
Miscellaneous	... ..	2,088,770	9.16	1,171	4.52
Public Administration	... ..	1,310,510	5.74	604	2.33
Ex Service Personnel not Classified					
by Industry	... ..	2,160	0.01	4	0.014
TOTALS		22,800,000		25,912	

WATER

The area is served by the Newcastle & Gateshead Water Company, who maintain a plentiful and wholesome supply throughout the year.

The service is adequate and satisfactory.

To ensure the maintenance of a high standard, regular chemical and bacteriological tests are made, and sources of impurities dealt with.

The Company invariably readily investigate any complaint, and effect a remedy.

To conserve the domestic supply in summer time, water is available from other sources for street watering, industrial uses, etc.

A proportion of the older dwelling houses in the Borough have the service pipes only laid into the yard.

When the shortage of houses becomes less urgent these houses will be dealt with either in Slum Clearance Schemes or the Owners will be requested to carry out works of reconstruction.

The following report was received from W. Gordon Carey, F.I.C., Public Analyst, Newcastle, on a sample of water taken on the 27th May, 1966, from a dwelling house in the Borough.

CHEMICAL RESULTS				Parts per Million
Total Solids dried at 180°C.	...	...	...	175
Chlorine as chlorides	...	...	...	15
Free Ammonia	...	...	...	Trace
Albuminoid Ammonia	...	...	...	0.03
Nitrogen as nitrates	...	...	...	0.55
Oxygen absorbed (4 hours at 80°F.)				2.1
Total Hardness	...	...	...	125
Non-carbonate Hardness	...	...	...	30
Carbonate Hardness	...	...	...	95
Lead and Copper	...	...	...	none
Iron	...	...	...	none
Appearance and Colour	...	...	...	(Hazen degrees 10) Clear and ex. pale yellow
Smell and Taste	...	...	...	Satisfactory.
Microscopical examination of deposit				Satisfactory.
pH value	...	...	...	7.4
Residual chlorine	...	...	...	none

BACTERIOLOGICAL RESULTS

Number of bacteria per millilitre (ml)

Visible on agar after 48 hours incubation at 37°C..... 2

Visible on gelatine after 72 hours incubation at 21°C. 26

Coliform Organisms as shown by the production of acid and gas in MacConkey's Bile Salt Lactose broth after 48 hours incubation at 37°C.—

0.1 ml. of sample — 10 mls. of sample, absent.

1.0 ml. of sample, absent 100 mls. of sample, absent.

Confirmatory tests for *Bacillus Coli.* on — ml.

Indol Production — Voges Proskauer (V.P.) —

Methyl Red (M.R.) — Citrate Test —

This water is bacteriologically pure, free from odour, taste or deposit, and is highly satisfactory for Public Supply.

Signed A. HUTCHINSON.

CLOSET ACCOMMODATION.

The following statement shows the existing sanitary accom-
modation in the district :—

The entire district is served by the water carriage system
with the exception of 7 Privy Ashpits and 4 Chemical Closets
which are confined to outlying properties where sewage facilities
are not available.

DRAINAGE AND SEWERAGE.

During the year 1028 choked drains were cleared. No charge
is made for this service.

SANITARY INSPECTION OF THE AREA.

Removal of Nuisances.—The various nuisances and other
similar conditions dealt with under the Public Health Acts are
set out in the following table :—

	Informal Notices		Statutory Notices	
	Nuisances	Nuisances Abated	Nuisances	Nuisances Abated
Ash Receptacles, to provide ...	34	14	10	10
Drains, defective to repair ...	15	14	3	3
Offensive accumulations, to remove	1	3	2	2
Roofs, to repair	1	...	...	...
Water closet fittings (basins, etc. def.)	3	1	...	1
Water supply, to provide ...	1	1	...	...
Chimneys, to repair or rebuild	5	2	1	1
Scullery sink trap, to repair ...	...	1	...	1
Number of Nuisances ...	60	36	16	18

During the year 58 informal notices were served and 37
received attention.
13 statutory notices were served and 16 received attention.
The nuisances abated include work done on notices served in
the previous year.

SECTION 9, HOUSING ACT, 1957.

	Informal Notices.		Statutory Notices.	
	Defects Discovered	Defects Remedied	Defects Discovered	Defects Remedied
Ceilings, to repair	34	19	25	17
Chimneys, to repair or re-build ...	12	6	5	1
Doors, to repair	130	33	68	50
Drains defective, to repair or reconstruct	14	7	7	7
Fireplaces to repair	8	1	5	6
Floors, to repair or ventilate	71	21	52	52
Outbuildings, to repair... ..	100	22	64	42
Range, kitchen, to repair	—	—	—	—
Roofs, to repair	78	25	58	40
Scullery sinks, to repair	13	6	6	3
Scullery bench, to repair	6	5	4	1
Scullery sink trap, to repair	12	6	6	7
Spouting, to repair	93	35	47	35
Stairs (internal) to repair	12	4	5	7
Stairs (external) to repair or renew	23	4	16	13
Walls (external) to repair	85	17	55	37
Walls (internal) to repair	147	39	98	53
Water closet fittings (basins, etc., def.)	41	16	22	22
Windows (woodwork), to repair ...	60	13	34	15
Windows (sashcords), to renew ...	49	13	34	28
Water pipes, to repair	11	7	1	3
Yard surface, to repair... ..	30	6	25	12
Miscellaneous	16	5	11	7
Total number of defects ...	1045	310	648	458
Total number of notices ...	295	118	128	98

HOUSING.

TABULAR STATEMENT FOR YEAR 1966.

HOUSES COMPLETED DURING THE YEAR.	With State Assistance.	Unaided.	Total.
(a) By Local Authority ... Permanent	—
(b) By any other Housing Authority	—
By private persons	—	4	4
			4

HOUSING IMPROVEMNT GRANTS
Housing (Financial Provisions) Act, 1958
House Purchase and Housing Act, 1959,
Housing Act. 1961
Housing Act, 1964.

A. DISCRETIONARY GRANTS

	No. of separate houses
1. Applications submitted to local authority during year ...	80
2. Applications rejected	3
3. Applications approved	77
4. Approximate average grant approved per house	£354 9 0
5. Total number of houses approved for grant in area since inception of scheme	506

B. STANDARD GRANTS.

	During the Year	Total to Date
1. Number of separate houses for which grants have been made	17	315
2. Number of houses so provided with		
(a) Bath or shower	11	257
(b) Wash hand basin	10	268
(c) Hot water supply	12	263
(d) Water Closet	14	119
(e) Food store	11	258

**COUNCIL HOUSES IMPROVED BY LOCAL AUTHORITY
WITH AID OF EXCHEQUER GRANT UNDER
SECTIONS 13-14 OF THE H.P. & H.A. 1959.**

PROVISION OF BATHROOMS TO A.P. PRE WAR BUNGALOWS

No. of houses approved	28
Average grant per house	£389
Completed during the year 1966	Nil
Total completed to 31st December, 1966	28

PROVISION OF WASHBASINS IN PRE-WAR COUNCIL HOUSES

No. of houses approved	683
Average cost	£10
Completed during the year 1966	Nil
Total completed to 31st December, 1966	461
Provision of Bathroom Extension	8
Average Cost	£434

**HOUSES IN CLEARANCE AREAS AND UNFIT HOUSES
ELSEWHERE.**

(A) HOUSES DEMOLISHED.

(1) In clearance areas	Nil
(2) Not in clearance areas	1

(B) UNFIT HOUSES CLOSED.

(3) Under Sections 16(4), 17(1) and 35(1) Housing Act, 1957	2*
(*2 Houses comprising 3 separate dwellings).	
(4) Parts of buildings closed under Section 18, Housing Act, 1957	1

(C) UNFIT HOUSES MADE FIT AND HOUSES IN WHICH DEFECTS WERE REMEDIED.

		By Owner	By Local Authority
(5)	After informal action by Local Authority	123	
(6)	After formal notice under		
	(a) Public Health Acts	8	
	(b) Sections 9 & 16 Housing Act, 1957	85	6
(7)	Closing Orders revoked ... ..	...	—

(D) NUMBER OF HOUSES PERMANENTLY DISCONTINUED AS DWELLINGS AND NOT INCLUDED ABOVE Nil

RENT ACT, 1957

From the 6th July, 1957, when the Act came into operation until the 31st December, 1966, the following shows the number of Certificates applied for, and the Certificates granted.

APPLICATIONS FOR CERTIFICATES OF DISREPAIR

(1)	Number of applications for certificates	276
(2)	Number of decisions not to issue certificates	6
(3)	Number of decisions to issue certificates	270
	(a) in respect of some but not all defects	78
	(b) in respect of all defects	192
(4)	Number of undertakings by landlords under paragraph 5 of the First Schedule	137
(5)	Number of undertakings refused by Local Authority under proviso to paragraph 5 of the First Schedule	Nil
(6)	Number of Certificates issued	135
	Number of Certificates Not issued due to work being done during interim period	4

APPLICATIONS FOR CANCELLATION OF CERTIFICATES

(7)	Applications by landlords to Local Authority for cancellation of certificates	74
(8)	Objections by tenants to cancellation of certificates	Nil
(9)	Decisions by Local Authority to cancel in spite of tenant's objection	Nil
(10)	Certificates cancelled by Local Authority	67
(11)	Certificates refused by Local Authority	7

HOUSING—

The number of families rehoused in 1966 was 170 comprising—

- 3 families containing inmates suffering from tuberculosis.
- 29 families living as sub-tenants.
- 68 families living in overcrowded conditions.
- 30 pensioners housed in bungalows.
- 3 Clearance Area and Closing Orders.
- 9 Bedsitters.
- 28 families from re-development Areas.

In connection with applications for Council Houses, visits have been made by the Health Department staff in order to ascertain the condition of the house with a view to allocating "Points" under the Points Scheme.

SLUM CLEARANCE.

HOUSING ACT, 1957

The Borough of Wallsend (Norman Terrace No. 1) Compulsory Purchase Order, 1966

This Order was made on the 10th June, 1966. It comprised two adjoining Clearance Areas namely The Wallsend (Norman Terrace) Clearance Area No. 37 of 1.53 Acres containing 35 two storeyed houses in flats and 14 self-contained houses comprising 73 separate dwellings, and The Wallsend (Norman Terrace) Clearance Area No. 38 of .296 acres containing 10 two storeyed houses in flats comprising 20 separate dwellings.

A Public Enquiry was arranged for the 11th January, 1967.

SMOKE ABATEMENT.

ATMOSPHERIC POLLUTION RECORD—1966.

SMOKE FILTER AND VOLUMETRIC SULPHUR DIOXIDE APPARATUS.

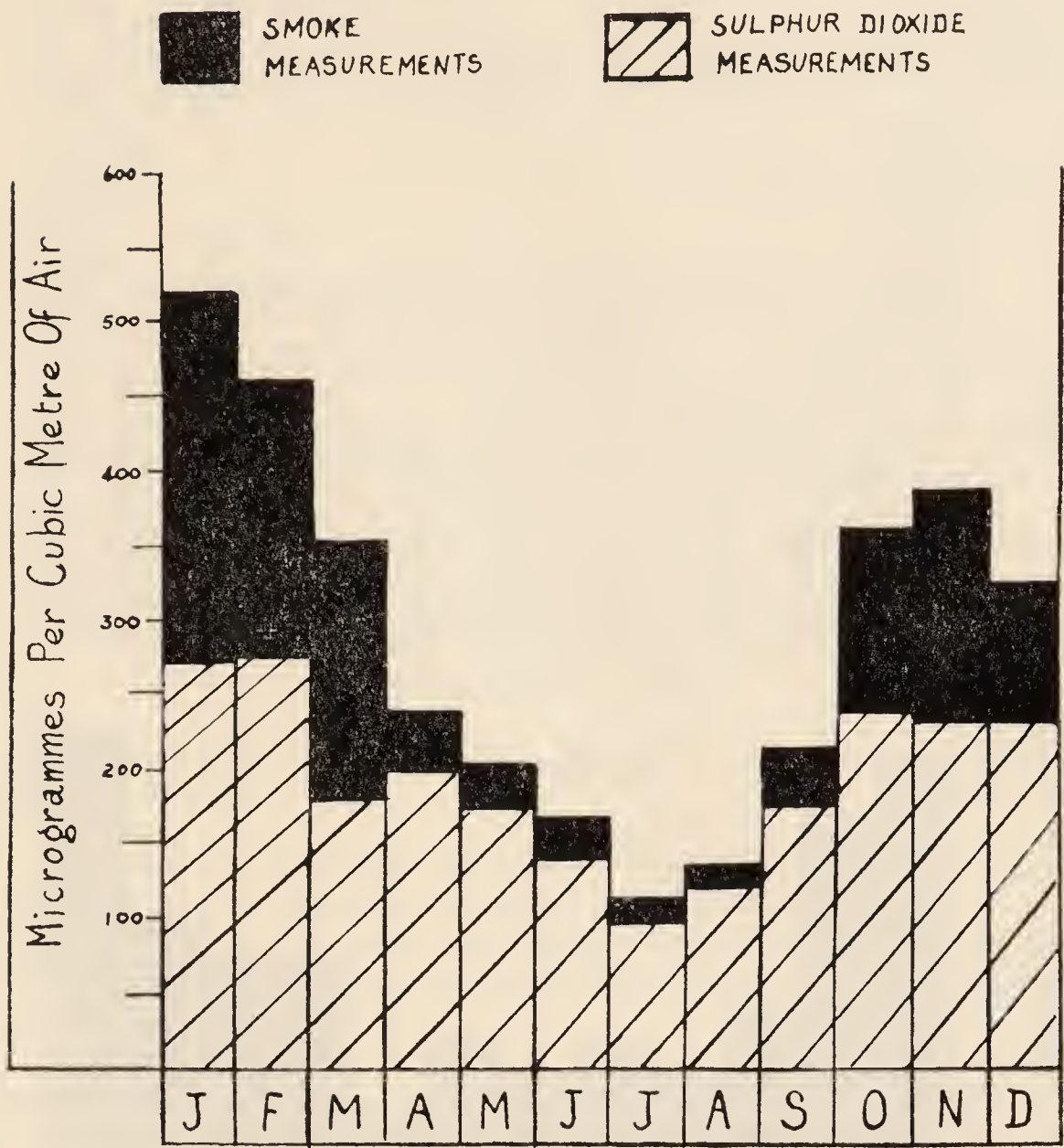
One apparatus was fitted in the Health Department Office in July, 1954 and another in a first floor store-room at the 14-storey block of maisonettes at Tarrington Close, Howdon, in July, 1961. This is in Wallsend's first smoke control area. During each period of 24 hours not less than 60 cubic feet of air from outside the building is drawn, by means of a small electric pump, through a piece of white filter paper and then through two bubbling tubes containing diluted hydrogen peroxide. Smoke particles are trapped on the filter paper and form a stain which varies according to the amount of tarry matter and other combustible matter in the smoke suspended in the atmosphere.

By using a smoke stain reflectometer and conversion tables the weight of material filtered from the atmosphere is calculated. The amount is expressed in microgrammes of smoke particles per cubic metre of air ($28.349 \text{ grammes} = 1 \text{ ounce} : 1 \text{ microgramme} = 1 \text{ millionth of a gramme} : 1 \text{ cubic metre} = 35.317 \text{ cubic feet}$).

Sulphur dioxide in the air reacts with the hydrogen peroxide to form dilute sulphuric acid and the amount of this is estimated daily by titration with standard alkali. From this the amount of sulphur dioxide in microgrammes per cubic metre of air is calculated.

SMOKE AND SULPHUR DIOXIDE MEASUREMENTS

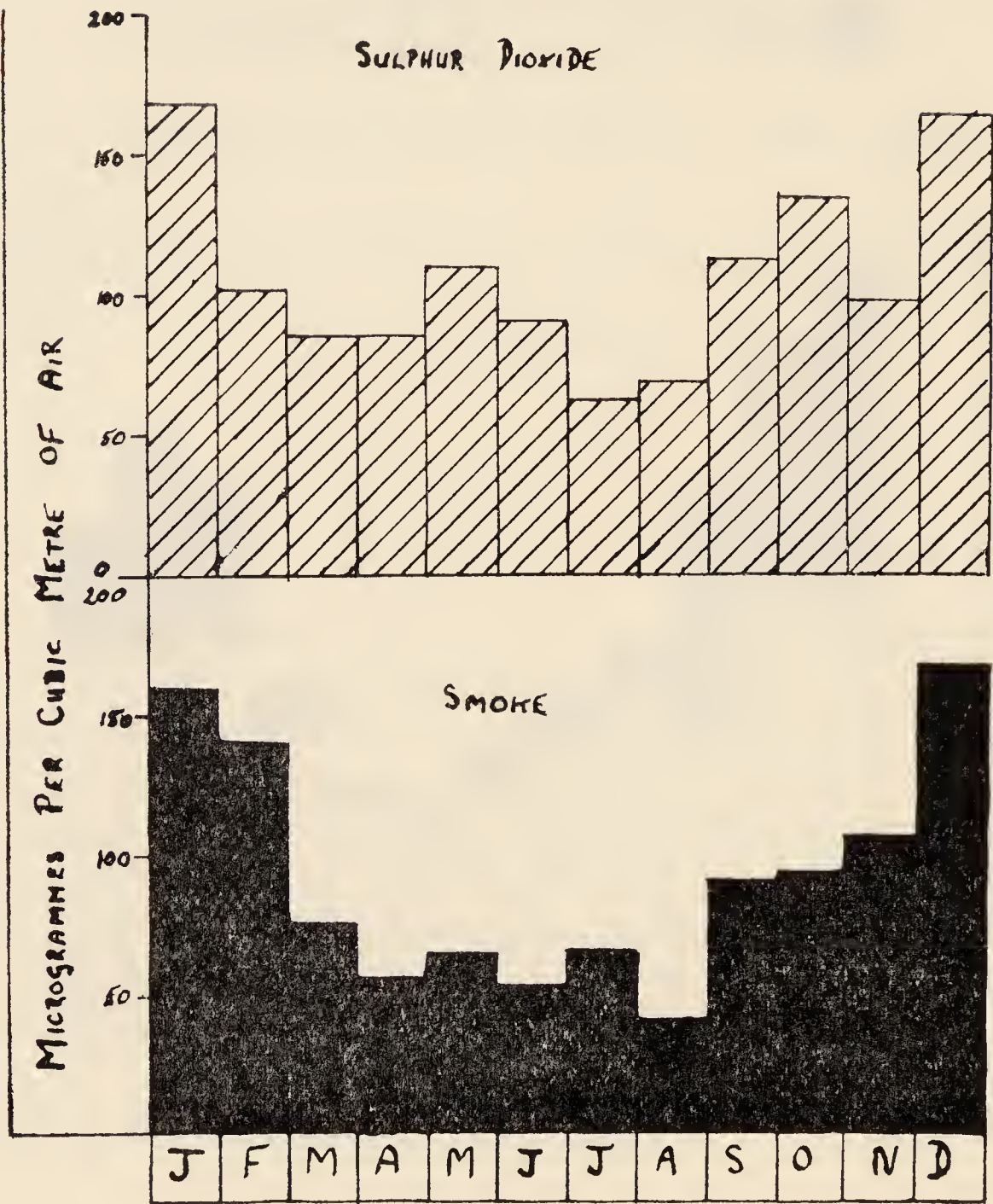
Monthly Averages Measured at
The Health Dept., Town Hall



1966		SMOKE Microgrammes per Cubic Metre		SULPHUR DIOXIDE Microgrammes per Cubic Metre	
		Monthly Average	Highest Daily Reading	Monthly Average	Highest Daily Reading
JANUARY	...	521	1051	272	485
FEBRUARY	...	458	1046	275	742
MARCH	...	251	431	179	282
APRIL	...	236	424	197	284
MAY	...	201	365	173	368
JUNE	...	164	368	138	241
JULY	...	112	216	98	155
AUGUST	...	133	300	119	207
SEPTEMBER	...	212	450	175	280
OCTOBER	...	358	570	239	350
NOVEMBER	...	385	1065	231	620
DECEMBER	...	324	1880	232	690

SMOKE AND SULPHUR DIOXIDE
MEASUREMENTS

Monthly Averages Measured at
Tarrington Close. Howdon



1966		SMOKE Microgrammes per Cubic Metre		SULPHUR DIOXIDE Microgrammes per Cubic Metre	
		Monthly Average	Highest Daily Reading	Monthly Average	Highest Daily Reading
JANUARY	...	159	402	169	390
FEBRUARY	...	141	574	102	249
MARCH	...	76	193	86	219
APRIL	...	56	118	86	214
MAY	...	65	137	110	247
JUNE	...	53	93	91	224
JULY	...	66	79	63	250
AUGUST	...	42	112	69	207
SEPTEMBER	...	91	160	113	225
OCTOBER	...	94	227	134	287
NOVEMBER	...	107	450	98	330
DECEMBER	...	168	728	164	665

The rainfall figures are obtained from a rainfall gauge situated in the garden of East Villa, The Green, Wallsend.

RAINFALL, 1966.

Total Rainfall in inches	...	...	...	29.15
Monthly Average	...	...	...	2.43
Wettest Month :— August	...	...	...	4.43

INSPECTION AND SUPERVISION OF FOOD. MILK SUPPLY.

THE MILK AND DAIRIES (GENERAL) REGULATIONS, 1959.

THE MILK (SPECIAL DESIGNATION) REGULATIONS, 1963.

THE MILK (SPECIAL DESIGNATION) (AMENDMENT)
REGULATIONS, 1965.

The following licences were issued for the period ending 31st December, 1970:—

- 47 Dealer's Licences to retail Pasteurised Milk.
- 122 Dealer's Licences to retail Sterilised Milk.
- 8 Dealer's Licences to retail Untreated Milk.
- 2 Dealer's Licences to retail Ultra Heat Treated Milk.

DAIRY FARMS.

There are 3 dairy farms in the Borough which are registered by the Ministry of Agriculture, Fisheries, and Food.

FOOD & DRUGS ACT, 1955. MILK SAMPLING AND TESTING, 1966.

CLASS OF MILK	NUMBER OF SAMPLES TESTED	APPROPRIATE TESTS	NUMBER OF SAMPLES		
			Passed	Failed	Void
Pasteurised	58	PHOSPHATASE	58	—	—
		METHYLENE BLUE	46	12	—
Sterilised	30	TURBIDITY	30	—	—
Pasteurised Homogenised	14	PHOSPHATASE	14	—	—
		METHYLENE BLUE	13	1	—
Untreated	8	METHYLENE BLUE	5	3	—
		ANTIBIOTIC ASSAY	1	—	—
TOTAL	110		167	16	—

FOOD AND DRUGS ACT, 1955, SECTION 16.

During the year a further 2 premises were registered for the sale of pre-wrapped Ice Cream, and 1 for the manufacture and sale of Ice Cream.

A satisfactory refrigerator and a supply of running hot water has been provided at each of the premises.

Altogether 4 premises are registered for the manufacture and sale of Ice Cream, 1 for the storage of Ice Cream and 150 premises registered for the sale of Ice Cream.

ICE CREAM.

THE ICE-CREAM (HEAT TREATMENT, ETC.) (AMENDMENT) REGULATIONS 1963.

During the year 5 samples of ice-cream were submitted to the Methylene Blue Reduction Test and all were in Grade. 1

INSPECTION OF SHOPS.

There are 432 shops in the Borough.

Bakers and Confectioners (including sweetshops)	...	50
Butchers	... ..	31
Cafes, Fishfriers, Snackbars, Canteens, Hotels, Clubs etc.		34
Fishmongers	... ..	4
General Dealers	... ..	62
Greengrocers	... ..	30
Grocers	... ..	32
Wine & Spirit	... ..	4
Multiple Stores	... ..	4
Others	... ..	181
		<u>432</u>

738 Inspections were carried out during the year.

FOOD HYGIENE (GENERAL) REGULATIONS, 1960

Type of Premises.	No.	No. of Premises fitted to comply with Regulation 16.	No. of Premises to which Regulation 19 applies	No. of Premises ^s fitted to comply with Regulation 19
Bakers & Confectioners (including sweetshops)	50	50	50	50
Butchers	31	31	31	31
Cafes, Fishfriers, Snackbars, Canteens				
Hotels, Clubs etc.	34	33	34	34
Fishmongers ...	4	4	4	4
General Dealers ...	62	62	62	60
Greengrocers ...	30	30	30	30
Grocers	32	32	32	32
Wines & Spirits ...	4	4	4	4
Totals	247	246	247	245

SLAUGHTERHOUSES.

There is now no licensed Slaughterhouse in the Borough.

UN SOUND FOOD.

The following unwholesome foodstuffs were condemned during the year :

	CWTS.	QRS.	LBS.
Beef (Home-killed)	1	3	24
Beef (Imported)	—	2	15
Pork (Home-killed)	—	3	3
Mutton (Native-killed)	1	2	—
Sheeps Livers (Imported)	—	—	10
Ham (tinned)	6	1	18
Meat (tinned)	2	3	24
Corned Beef (tinned)	—	3	7
Soup (tinned)	—	1	16
Fish (tinned)	—	1	4
Chicken (tinned)	—	—	20
Milk—54 tins			
Cream—12 tins			
Fruit (tinned)	3	—	24
Fruit Juice (tinned)	—	1	12
Tomatoes (tinned)	1	1	9
Vegetables (tinned)	1	1	2
Beans (tinned)	—	—	24
Custard Powder	—	—	12
Cornflour	—	—	6
Jam	—	—	22
Milk Puddings (tinned)	—	—	19
Cheese Spread	—	—	5
Jus Rol Pastry	—	—	8

FOOD AND DRUGS ACT, 1955.
SAMPLES TAKEN FOR ANALYSIS FOR THE YEAR, 1966

Sample of	No. of Samples	Formal	Informal	Non- Genuine	Remarks
Whisky	2	2	—		
Rum	2	2	—		
Gin	2	2	—		
Beer... ..	5	5	—		
Almonds, Ground ...	3	—	3		
Aspirin Tablets ...	1	—	1		
Blanc Mange Powder ...	1	—	1		
Butter	3	1	2		
Cake Mix	1	—	1		
Cheese Flaps in Tomato Sauce	1	—	1		
Cheese & Piccalilli Spread	1	—	1		
Cheese Spread with Shrimps	1	—	1		
Cheese Spread	1	—	1		
Children's Cooling Powder	1	—	1		
Christmas Pudding ...	1	—	1		
Coconut, desiccated ...	2	—	2		
Coffee, instant	1	—	1		
Cream Cakes	3	—	3		
Cream	1	—	1		
Cream, double	1	—	1		
Dripping, beef	2	—	2		
Flour, self-raising ...	1	—	1		
Fruit Pudding	1	—	1		
Ice Cream	3	3	—		
Lard	1	—	1		
Lime Cordial & Lager ...	1	—	1		
Margarine	2	—	2		
Marzipan	2	—	2		
Meat Products:					
Chicken in Jelly	2	—	2		
Chicken Pate with wine	1	—	1		
Chopped Pork	1	—	1		
Corned Beef	1	—	1		
Meat Paste	1	—	1		
Meat Pies	6	—	6		
Mince Pie	1	—	1	1	Meat content only 13.9% Recommended content 20.8 per cent.
Minced Steak Pie, gravy with onions	1	—	1		
Potted Beef with butter	1	—	1		
Potted Meat	1	—	1		
Steak Pie	1	—	1		
Milk	38	—	38		
Channel Island	3	—	3		
Evaporated	3	—	3		
Opened bottle	1	—	1	1	Bottle stained—could be burnt milk
Milk, condensed, F.C. sweetened	1	—	1		
Milk, skimmed, sweetened	1	—	1		
Milk Pudding, creamed rice	3	—	3		
Peas, dried	1	—	1		
Pease Pudding	2	—	2		
Peel, Mixed	2	—	2		
Pie Filling	1	—	1		
Preserves:					
Jam	2	—	2		
Lemon Curd	1	—	1		
Rice	1	—	1		
Sausage, beef	9	9	—		
Sausage, pork	5	5	—		
Soft Drinks	2	—	2		
Soup, scotch broth ...	1	—	1		
Sugar, icing	1	—	1		
Sweets, butter	5	—	5		
Sweets, cream	1	—	1		
Tea	1	—	1		
Vinegar, malt	2	—	2		
	151	29	122	2	

MISCELLANEOUS

Food and Drugs Act, 1955, Section 26.—Food Poisoning.ANNUAL RETURN OF FOOD POISONING NOTIFICATIONS
(CORRECTED).

No cases of Food Poisoning were received during the year.

NATIONAL ASSISTANCE ACT, 1948, SECTION 47.

No action was necessary under this Section of the Act.

NATIONAL ASSISTANCE ACT, 1948, SECTION 50.

No action was necessary under this Section of the Act.

RIVERS (PREVENTION OF POLLUTION) ACT, 1951.

This act is administered by the Northumbrian River Authority.

DISINFECTION/DISINFESTATION.

Infected clothing, bedding, etc., is removed in a motor van for disinfection to the Disinfecting Station, Town Hall, Wallsend, where a Velox Steam Disinfector is installed.

148 premises were dealt with and in addition, 41 lots of bedding and 154 blankets were dealt with.

Methods employed in Disinfestation.—Infested households were treated with insecticides containing D.D.T. or Gammexane or Dieldrin or Malathion or Pybuthrin.

PUBLIC SWIMMING BATHS.

The Corporation provide two public swimming baths available for the public all the year round, for swimmers of both sexes. The water is from the mains supply and is heated and maintained at a temperature of 78 — 80 dgs. Fah., and a continuous filtration and chlorination is maintained, so that there is a complete change over of the water every three hours. The bath water is tested thrice daily and chlorine regulated to maintain the standard of sterilization.

A Patterson Engineering Company Chlorinator is installed and free chlorine is maintained at a standard of 1 to 2 parts per million of the water which is the sterilization standard recommended by the Ministry of Health.

The following reports dated 4th November, 1966 were received from W. Gordon Carey, F.I.C., Public Analyst, Newcastle on each of the samples of water taken from the large Plunge and Small Plunge of the Wallsend Public Baths, respectively.

(1) NUMBER OF BACTERIA PER MILLILITRE (ml.)

Visible on agar after 48 hours incubation at 37°C. — 0

Visible on gelatine after 72 hours incubation at 21°C. — 2

COLIFORM ORGANISMS as shown by the production of acid and gas in MacConkey's Bile Salt Lactose broth after 48 hours incubation at 37°C. :—

0.1 ml. of sample — 10 mls. of sample absent

1.0 ml. of sample absent 100 mls. of sample absent

CONFIRMATORY TESTS FOR BACILLUS COLI ON — mls.

Indol production — Voges Proskauer (V.P.) —

Methyl Red (M.R.) — Citrate Test —

REPORT.

This sample of baths water is of excellent bacterial purity. The carbonate hardness and the pH value of the water are reasonably satisfactory for the amount of free chlorine present, so that there should not be eye or taste complaints.

(Signed) W. GORDON CAREY.

(2) NUMBER OF BACTERIA PER MILLILITRE (ml.)

Visible on agar after 48 hours incubation at 37°C. — 0

Visible on gelatine after 72 hours incubation at 21°C. — 1

COLIFORM ORGANISMS as shown by the production of acid and gas in MacConkey's Bile Salt Lactose broth after 48 hours incubation at 37°C.:—

0.1 ml. of sample — 10 mls. of sample absent

1.0 ml. of sample absent 100 mls. of sample absent

CONFIRMATORY TESTS FOR BACILLUS COLI ON — mls.

Indol production — Voges Proskauer (V.P.) —

Methyl Red (M.R.) — Citrate Test —

REPORT.

This sample of baths water is of excellent bacterial purity. The residual free chlorine however, is very high and with the pH value very little above neutrality, it is probable that eye or taste complaints may result. The chlorine dosage should be lessened to give a residual of about 0.5 part per million.

(Signed) W. GORDON CAREY.

Frequent samples have been taken and submitted to the Public Health Laboratory for bacteriological examination and all showed a satisfactory result namely:-

Probable number of coliform bacilli per 100 ml. — 0
with the one exception in August due to a fault in the chlorination system, which was immediately rectified.

DISEASES OF ANIMALS ACT, 1950.

THE DISEASES OF ANIMALS (WASTE FOODS) ORDER
1957

All piggeries in the Borough together with the plant and equipment used for boiling and sterilisation of waste food were inspected.

9 Licences have been granted.

SWINE FEVER.

No cases occurred during the year.

THE REGULATION OF MOVEMENT OF SWINE ORDER 1959.

Movement Licences were issued in accordance with the above order.

ANTHRAX.

No cases of Anthrax occurred during the year.

PREVENTION OF DAMAGE BY PESTS ACT, 1949.

The Council employ a full time Rodent Operator and the following summary shows the number and type of infestations dealt with during the year:-

NUMBER AND TYPE OF INFESTATIONS				
			<i>Non Agricultural</i>	<i>Agricultural</i>
Rats	...	...	236	13
Mice	...	...	160	—

SEWER MAINTENANCE TREATMENT

During the year a firm of pest control experts, using Fluoroacetamide were employed to carry out 2 sewer treatments on the same 900 manholes.

SHOPS ACTS 1912 TO 1950.

The following Regulations are in force in the Borough relating to the Shops Act :—

The Wallsend (General) Weekly Half Holiday Order, 1912.

The Wallsend Ironmongers and Hardwaremen Closing Order, 1912.

The Fish and Poultry Dealers Weekly Half Holiday Order 1912.

The Wallsend Butchers Shops Closing and Weekly Half Holiday (Extension) Order, 1920.

The Wallsend Tobacconists (Hours of Closing) Order, 1928.

The Wallsend Shops (Sunday Trading Restriction Act. 1936) Partial Exemption Order, 1938.

RAG, FLOCK AND OTHER FILLING MATERIALS ACT, 1951.

There are no premises in the Borough which require registration under the above Act, and no infringements have occurred during the year.

PET ANIMALS ACT, 1951.

An inspection of one pet shop in the Borough was made during the year and one licence was issued under the above Act.

The Act also provides that no person can carry on the business of selling animals as pets in any part of a street or public place, and no pets shall be sold to children under 12 years.

No infringements have been recorded during the year.

PETROLEUM ACT.

THE PETROLEUM (CONSOLIDATION) ACT, 1928.

The following licences were issued under the Petroleum Act

Petrol	...	...	...	...	...	39
Carbide of Calcium		...	...	...	...	2
						41
						41

The bulk of Petrol stored in the Borough is in underground tanks. The storage places are periodically inspected and infringement of the Petroleum Act is brought to the notice of the person concerned. By kind permission of the Chief Fire Officer of Northumberland County Fire Brigade, installations were inspected during the year by specially trained Fire Prevention Officers on his staff. Their advice and reports were of great assistance to everyone concerned.

Licences are renewed each year by the local authority.

THE PETROLEUM SPIRIT (CONVEYANCE BY ROAD) REGULATIONS, 1957.

These Regulations came into force on the 1st July, 1957, and certificates as prescribed by the Regulations were supplied to Petroleum licence holders, and further supplies are available at the Health Department as required by the licensees.

THE OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963.

By the end of the year 369 premises had been registered, and 926 visits were made to these premises during the year.

Inspections

Premises are given a general inspection immediately on receipt of the OSR 1 and all premises have a routine inspection whenever convenient.

OPERATIONS AND GENERAL PROVISIONS OF THE ACT

Lighting

There has been little or no improvement in lighting and none is envisaged until a legal standard is produced. Those who fall below the presumptive standard used by this department (the Illuminating Engineering Society Code 1961) are prepared to remain as they are rather than risk making extensive alterations and find that they still do not comply with the regulations if and when produced.

Heating

One difficulty which arises in shops is that of keeping a reasonable temperature when the shop door is left constantly open. It seems to be a maxim in the retail trade that if the shop door is shut, customers will not try to open it. In this way premises which are equipped for the required temperature to be maintained often failed to reach it.

Accidents

Twenty two cases were reported during the year. Most of these were caused either through slipping or the careless handling of goods and slicing machines. In one case a narrow old type knife guard was fitted to a slicing machine. This guard was neither damaged nor loose and instructions describing the best method of operating and cleaning slicing machines were conspicuously displayed for the attention of employees. Had a wide guard of the type recommended in Circ. 7 (Supplement 4) been fitted the accident might have been avoided.

In another case, a woman working in a Public House, over-balanced and fell through an open hatchway behind the counter of the bar, into the cellar. After inspection and recommendations, a barrier has been fitted beside the hatchway.

Prosecutions

No prosecutions were necessary during the year.

FACTORIES ACT, 1961.

INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspectors).

PREMISES (1)	Number on Register. (2)	NUMBER OF		
		Inspections. (3)	Written Notices. (4)	Occupiers Prosecuted. (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by the Local Authorities	6	6	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	106	93	2	—
(iii) Other premises in which Section 7 is enforced by the Local Authority* (excluding out-workers' premises) ...	13	21	—	—
*i.e. Electrical Stations, Institutions and sites of Building Operations and Works of Engineering Construction				
TOTAL ...	125	120	2	—

CASES IN WHICH DEFECTS WERE FOUND.

PARTICULARS. (1)	NO. OF CASES IN WHICH DEFECTS FOUND.				Number of Cases in which Prosecu- tions were Instituted. (6)
	Found. (2)	Remedied (3)	REFERRED To H.M. Inspector. (4)	By H.M. Inspector. (5)	
Want of Cleanliness (S.1.) ...	—	—	—	—	—
Overcrowding (S.2.)	—	—	—	—	—
Unreasonable Temperature (S.3.)	—	—	—	—	—
Inadequate Ventilation (S.4.) ...	—	—	—	—	—
Ineffective Drainage of Floors (S.6.)	—	—	—	—	—
Sanitary Conveniences (S.7.)					
(a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective	1	1	—	—	—
(c) Not separate for sexes ...	—	—	—	—	—
Other Offences against the Act (not including offences relat- ing to Outwork)		1	—	1	—
TOTAL ...	1	2	—	1	—

OUTWORK (SECTIONS 133 AND 134).

There are 10 Outworkers in the Borough, 8 engaged in making wearing apparel and 2 on making cosaques etc. The premises have been inspected and found satisfactory.

HEALTH SERVICES PROVIDED BY THE NORTHUMBERLAND COUNTY COUNCIL THROUGH THE WALLSEND AREA HEALTH SUB-COMMITTEE.

(The following information is included by kind permission of the County Medical Officer. This information, pages 39 to 45, is included in order to present as complete as possible a report on the health of Wallsend; the various services mentioned are provided by the Northumberland County Council and are not the direct concern of the Wallsend Borough Council).

TABLE A WALLSEND AREA HEALTH SUB-COMMITTEE.

The Committee consists of 25 members, viz :—

Wallsend Borough Council	...	14
Northumberland County Council		8
Hospital Management Committee		1
Co-opted Members	... ..	2

Chairman : ALDERMAN J. RICHARDSON, J.P.

Vice-Chairman : ALDERMAN D. SOWERBY.

ALDERMEN :

E. TURPIN
C. L. PALMER.

COUNCILLORS :

W. BEARE.
J. BEECH
E. M. A. BROWN.
J. P. DIXON.
I. F. HALL.
E. HALLIBURTON.
E. HART
P. J. KELLY.
H. W. SANDERSON.
G. WHARRIER

(County Council Representatives)

ALDERMEN T. H. MALIA, J.P. ; COUNCILLORS T. BLACK, W. HOPPER, J. A. MCFADYEN; W. RICKELTON, MRS. M. E. WYLIE, *(Ex-Officio Members)* ALDERMEN SIR N. GARROW, O.B.E. AND ALDERMAN MISS M. E. S. FLEMING.

(Hospital Management Committee)

MR. R. E. SMEDLEY.

(Co-opted Members)

MRS. H. N. HENDERSON.
MRS. M. J. LAVERY

TABLE B

STAFF.

Area Executive Medical Officer and Divisional School Medical Officer :

DR. G. MCN. CUBIE.

Assistant Medical Officer :

DR. VALERIE HAWLEY
(Resigned October, 1966)

Dental Officers :

MR. J. F. HORSEMAN.
MRS. B. BRITTON
and 2 Dental Assistants.

Senior Health Visitor :

MISS N. COWLEY
(Resigned December, 1966)
11 Health Visitors.

Social Worker : MISS D. DUNN.

Wallsend Day Nursery :

Matron :

MRS. M. JONES.

Senior Nursery Assistant: MRS. P. M. GODTSCHAILK.

Nursery Assistants	Domestic Staff
3	1

Ambulance Service :

Driver/Supervisor: R. P. MCGREGOR
13 Driver Attendants.

Home Helps Service :

125 Part-time Home Helps.

Clerical Staff :

Chief Clerk : MISS A. THOMPSON.

School Medical Service Clerk : MRS. I. WILSON

4 Clerks.

Part Time Staff :

Eye Specialist : DR. A. K. TOWERS.

Orthopaedic Specialist : MR. C. C. SLACK.

Orthopaedic Nurse: Mrs. Robinson.

Speech Therapist : MRS. M. ROY.

(Resigned November, 1966)

Audiomatrician : MISS S. SMITHSON.

TABLE C
SUMMARY OF SERVICES ADMINISTERED BY
NORTHUMBERLAND COUNTY COUNCIL.

(1) AMBULANCE FACILITIES.

A day and night service is provided from the Ambulance Station in Oak Grove. The fleet consists of four vehicles, augmented as required from other County Ambulance Stations; 14 drivers are employed. Tel. No. 62-3728.

21,040 patients were handled, including 3,061 stretcher cases, accidents and emergencies.

Mileage—95,750

(2) CLINICS AND TREATMENT CENTRES.

(a) CHILD WELFARE.

(i) Health Centre, Wallsend.

Mondays	...	...	...	2—4 p.m.
Wednesdays	9.30—12 noon.			2—4 p.m.
Thursdays	...	...	...	2—4 p.m.
Fridays	...	...	...	2—4 p.m.

(ii) St. John's Church, Station Road, Wallsend.

Alternate Thursdays	...	...	2—4 p.m.
(Last Clinic October 1966).			

(iii) Camberley Road Clinic.

Tuesdays and Fridays	...	2—4 p.m.
Thursdays	9.30—12 noon.	

(b) ANTE-NATAL AND POST-NATAL.

At the Health Centre, Wallsend, and the Camberley Road Clinic, Howdon, General Practitioners see their own patients at arranged times.

(c) SCHOOL CLINICS.

Daily at Health Centre, Wallsend and Camberley Road Clinic, Howdon, from 9—10 a.m.

Doctor in attendance at Wallsend on Wednesdays and Howdon on Thursdays.

(d) DENTAL CLINIC.

Daily at Health Centre and Camberley Road Clinic.

(e) ORTHOPAEDIC AND OPHTHALMIC CLINICS.

The Orthopaedic Clinic is held on two days per week, both morning and afternoon.

The Ophthalmic Clinic is held one half-day twice or thrice per week.

(3) SUMMARY OF ATTENDANCES AT MATERNITY AND CHILD WELFARE CENTRES.

First visits during year of children born in	<i>Wallsend Centre.</i>	<i>High Farm Centre.</i>	<i>Camberley Road Clinic</i>	<i>Total</i>
1966	451	7	252	710
1965	422	21	264	707
1961/64	606	27	429	1062
Re-Visits during the year of children born in :-				
1966	3165	19	1641	4825
1965	2400	45	1133	3578
1961/64	702	28	592	1322
MEDICAL OFFICER				
Number of Consultations	4005	65	2571	6641
Number of Injections	1772	31	1065	2868
VACC & IMMUNISATION				
Total no. of attendances	2443	40	1457	3940

ANTE AND POST-NATAL SUPERVISION.

Ante-Natal—Number of expectant mothers supervised	... ..	1,265
Total number of attendances	...	8,014
Post-Natal—Number of mothers supervised	...	718
Total number of attendances	..	718

SPECIAL CLINICS FOR TESTS FOR CANCER OF THE WOMB:

No. of Tests — 728

FAMILY PLANNING CLINIC

No. 1st Visits — 88
Revisits — 128

TABLE D
IMMUNISATION

Number of Children who completed a course of immunisation during the year ended 31st December, 1966.

PART 1—Completed Primary Courses—Number of persons under age 16.

	Year of Birth					Others under age 16	Total
	1966	1965	1964	1963	1959-62		
Diphtheria	324	357	25	9	161	25	901
Whooping Cough	322	357	25	9	16	—	729
Tetanus	324	357	25	9	161	678	1,554
Poliomyelitis	216	347	28	20	169	—	780
PART 2—							
Reinforcing Doses							
Diphtheria	—	3	444	142	727	727	2,043
Whooping Cough	—	3	444	142	16	—	605
Tetanus	—	3	444	142	727	58	1,374
Poliomyelitis	—	4	437	376	548	—	1,365

All children now receive immunisation against Whooping Cough and Tetanus in a triple vaccine along with the Diphtheria component in infancy. A booster dose is given round about two years and a further booster of Diphtheria and Tetanus at five years.

TABLE E
HOME HELPS.

Altogether 125 part-time Home Helps were employed during the year and 397 part-time cases were assisted.

TABLE F
NURSERIES.

One Day Nursery for 29 children (9 under 2 years and 20 from 2 to 5 years) at Station Road, Wallsend, continued to operate. During the year there was an average daily attendance of children as follows :—

0—2 years	2
2—5 years	23
	<u>25</u>
	<u> </u>

SCHOOL HEALTH SERVICE.

TABLE G
MEDICAL INSPECTION OF PUPILS ATTENDING MAINTAINED PRIMARY AND SECONDARY SCHOOLS (INCLUDING SPECIAL SCHOOLS).

A.—PERIODIC MEDICAL INSPECTIONS.

Number of inspections in the prescribed Groups :— 730

B.—OTHER INSPECTIONS.

Number of Special Inspections	...	...	...	1454
Number of Re-inspections	...	...	...	2060
Total	...	...	...	<u>3514</u>

B.—CLASSIFICATION OF THE GENERAL CONDITION OF PUPILS
INSPECTED DURING THE YEAR IN AGE GROUPS.

AGE GROUPS				No. of Pupils Inspected	Satisfactory	Unsatisfactory
					No.	No.
(1)				(2)	(3)	(4)
1960...	...	...	...	710	709	1
1959...	...	...	...	20	20	—
1958...	...	...	...	—	—	—
1957...	...	...	...	—	—	—
1956...	...	...	...	—	—	—
1955...	...	...	...	—	—	—
1954...	...	...	...	—	—	—
1953...	...	...	...	—	—	—
1952...	...	...	...	—	—	—
1951...	...	...	...	—	—	—
1950...	...	...	...	—	—	—
1949...	...	...	...	—	—	—
TOTAL				730	729	1

TABLE J

INFESTATION WITH VERMIN.

- (i) Total number of examinations in the schools by the
school nurses or other authorised persons 15,174
- (ii) Total number of individual pupils found to be
infested 877
- (iii) Number of individual pupils in respect of whom
cleansing notices were issued (Section 54 (2),
Education Act, 1944) —
- (iv) Number of individual pupils in respect of whom
cleansing orders were issued (Section 54 (3),
Education Act, 1944) —
Number of individual pupils examined —

C.—PUPILS FOUND TO REQUIRE TREATMENT.

Number of Individual Pupils found at Periodic Medical Inspection to Require Treatment (excluding Dental Diseases and Infestation with Vermin).

GROUP					For defective vision (excluding squint).	For any of the other conditions recorded in Part II	Total individual pupils.
(1)					(2)	(3)	(4)
1960	...	...	...	...	86	71	149
1959	...	...	...	...	1	—	1
1958	...	...	...	...	—	—	—
1957	...	...	...	...	—	—	—
1956	...	...	...	...	—	—	—
1955	...	...	...	...	—	—	—
1954	...	...	...	...	—	—	—
1953	...	...	...	...	—	—	—
1952	...	...	...	...	—	—	—
1951	...	...	...	...	—	—	—
1950 and earlier	...	...	...	...	—	—	—
TOTAL					87	71	150

TABLE H

A.—RETURN OF DEFECTS FOUND BY MEDICAL INSPECTION IN THE YEAR ENDED 31ST DECEMBER, 1966.

Code No. Defect	DEFECT OR DISEASE (1)	PERIODIC INSPECTIONS		SPECIAL INSPECTIONS	
		No. of Defects		No. of Defects	
		Requir- ing Treat- ment (2)	Requiring to be kept under observation, but not requiring treatment (3)	Requir- ing Treat- ment (4)	Requiring to be kept under observation, but not requiring treatment (5)
4	Skin	6	8	3	5
5	Eyes—				
	(a) Vision	87	103	1089	275
	(b) Squint	3	8	—	—
	(c) Other	—	1	—	—
6	Ears—				
	(a) Hearing	4	22	6	20
	(b) Otitis Media	2	2	1	4
	(c) Other	1	1	—	1
7	Nose or Throat	23	65	7	38
8	Speech	17	51	3	33
9	Lymphatic Glands	—	14	—	4
10	Heart and Circulation	—	15	2	10
11	Lungs	3	7	4	9
12	Developmental—				
	(a) Hernia... ..	—	5	—	1
	(b) Other	—	7	4	6
13	Orthopaedic—				
	(a) Posture	—	—	1	9
	(b) Feet	7	12	11	24
	(c) Other	—	6	2	6
14	Nervous System—				
	(a) Epilepsy	1	1	—	1
	(b) Other	1	3	3	1
15	Psychological—				
	(a) Development	—	16	—	10
	(b) Stability	—	3	—	8
16	Abdomen	—	3	1	—
17	Other... ..	3	19	8	15

